

136

Fig. 4

Prior Art

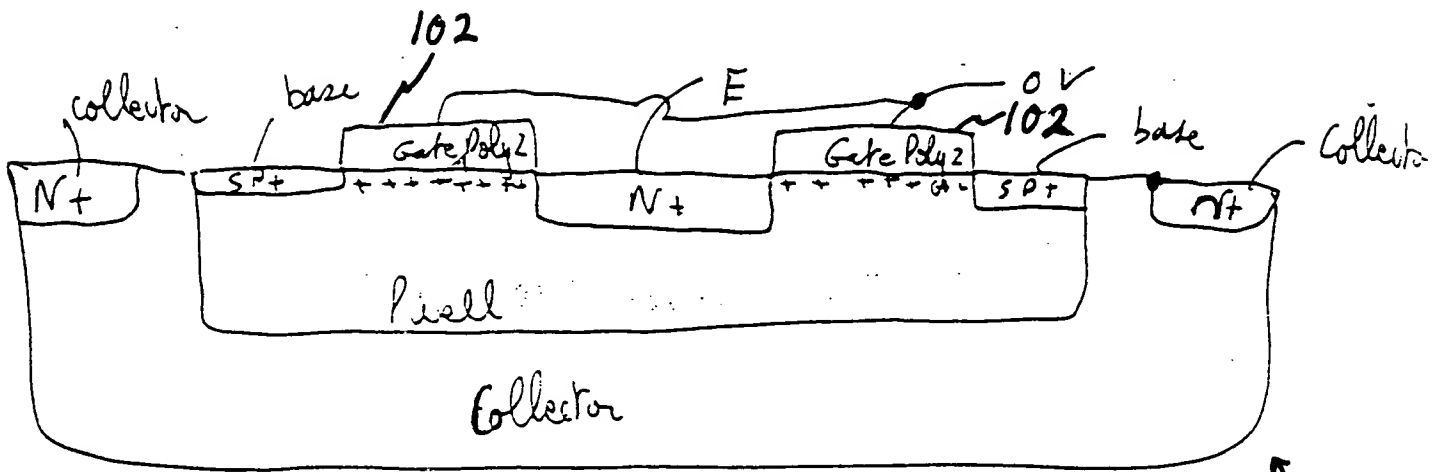
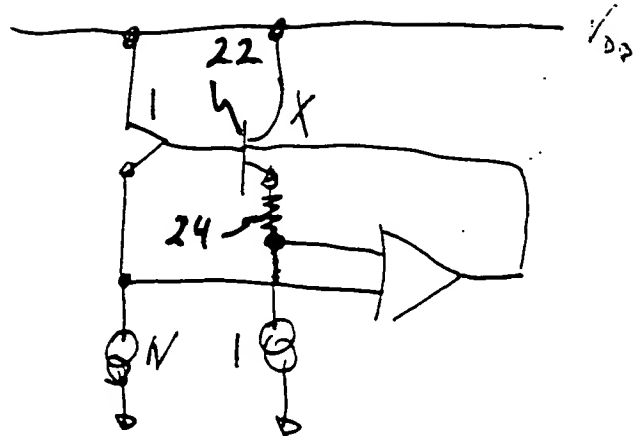


FIG. 11

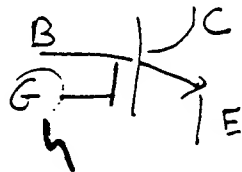
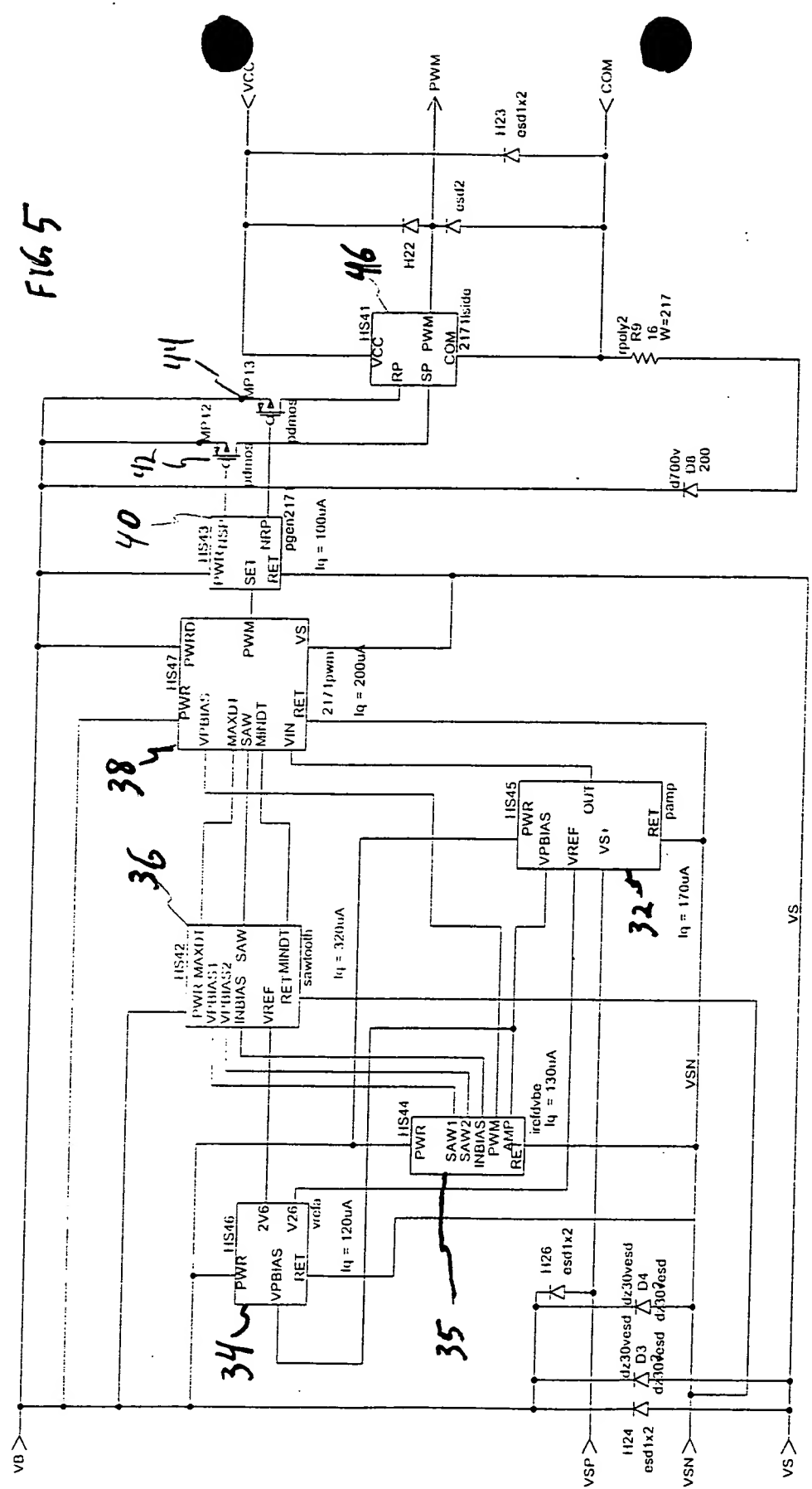


FIG. 12

FIG 5



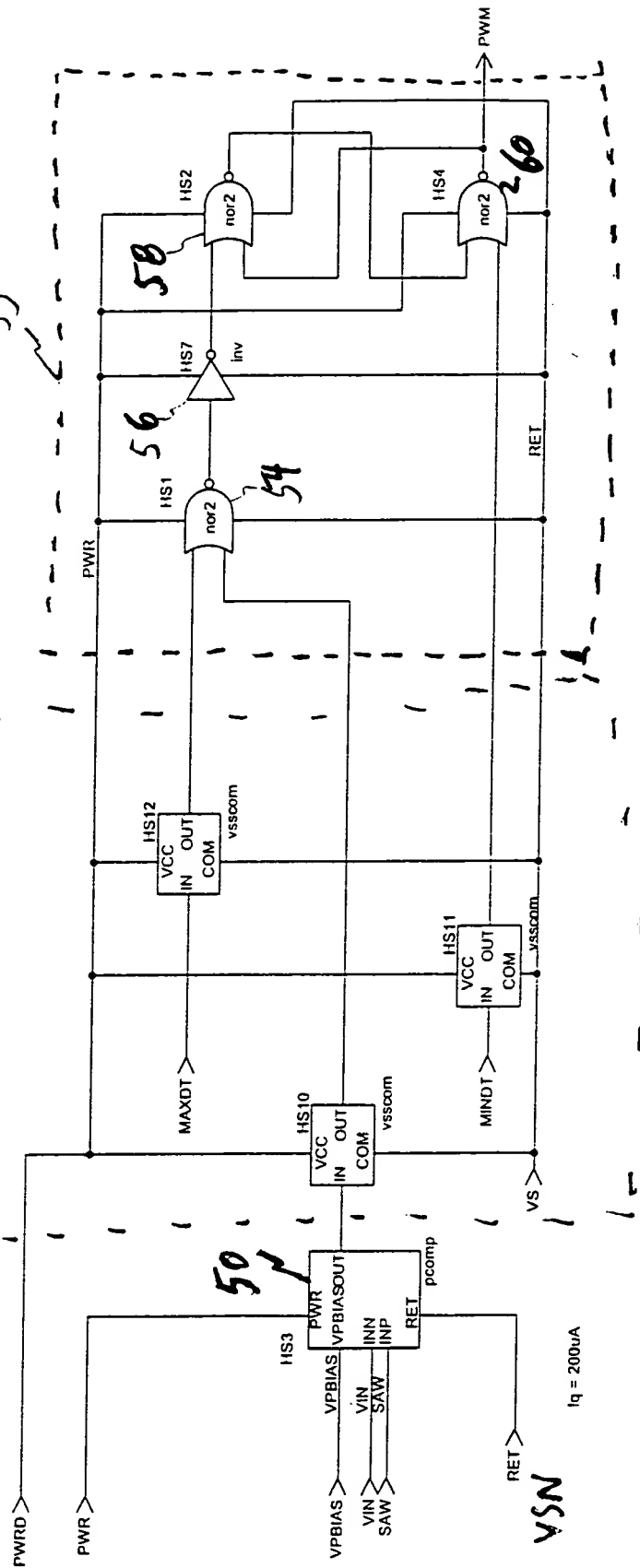
$I_q = 1.1mA @ 40kHz$
 $V_{in} : +/- 0.3V_{max}, DI = 50\% +/- 42\%$

FIG. 6

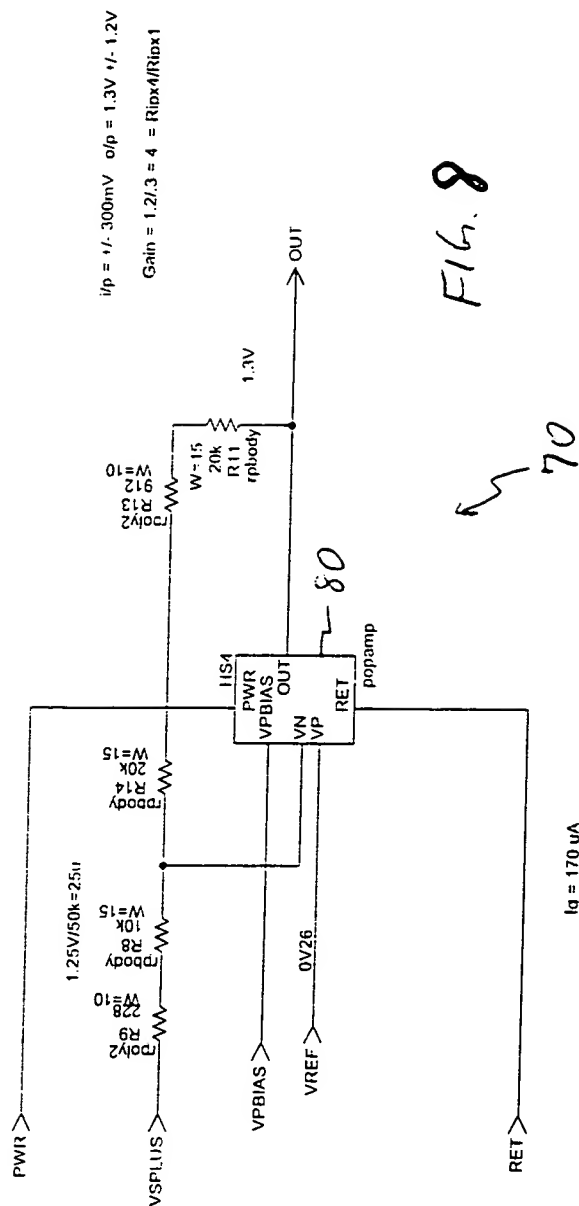
LEVEL SHIFT 52

38

53



$I_q = 200\mu A$

 $I_q = 170 \mu A$

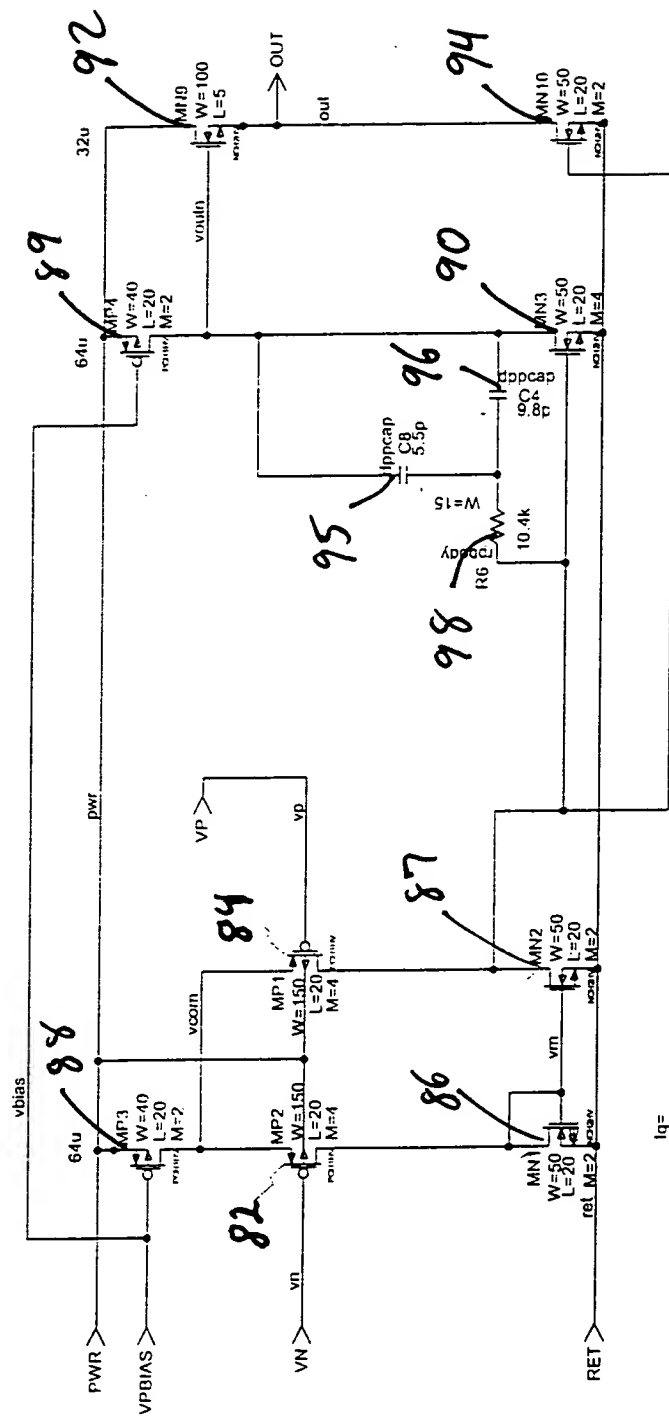


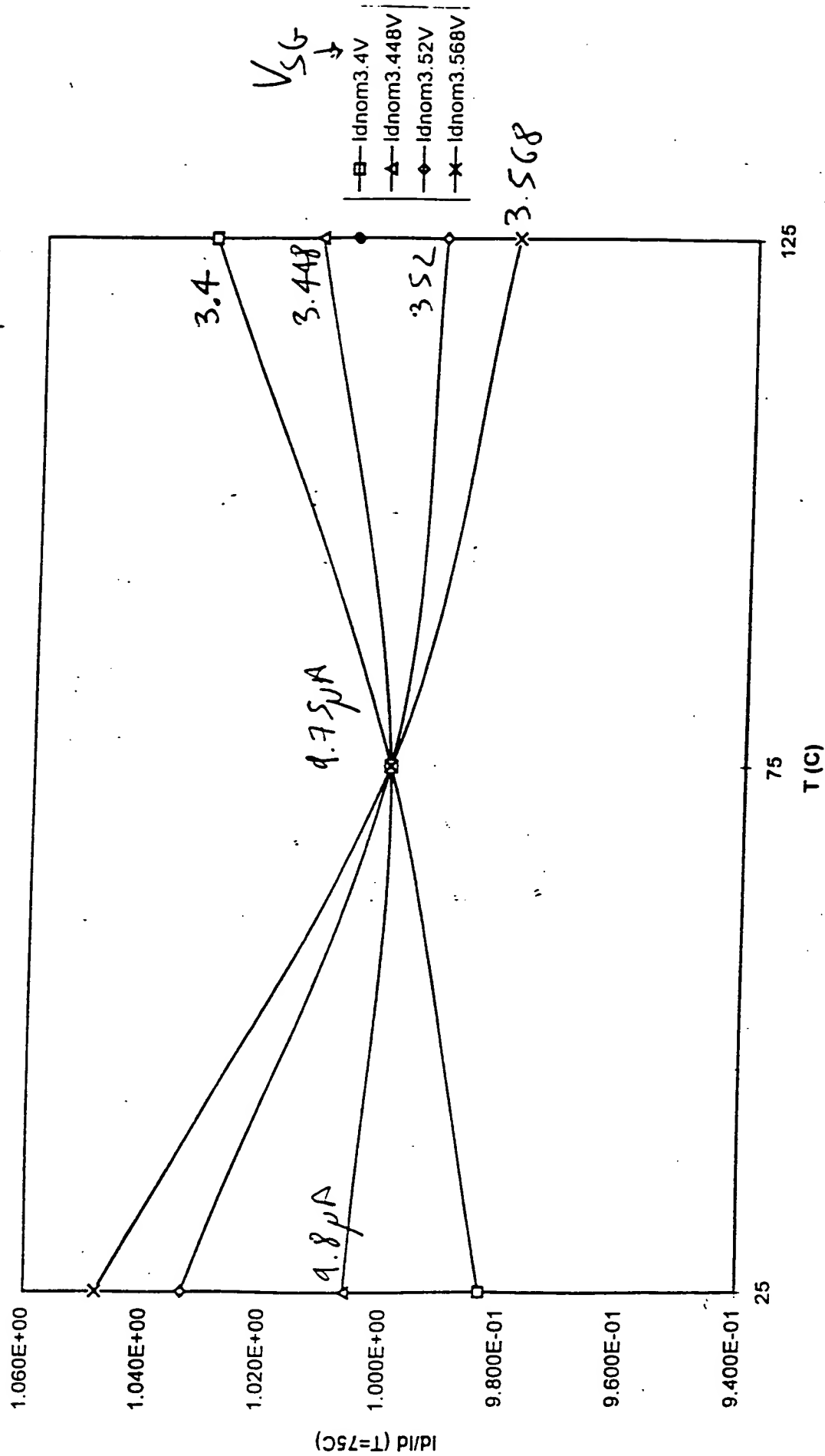
Fig. 9

Iq=

80

Normalized Drain Current vs Temperature

FIG. 10

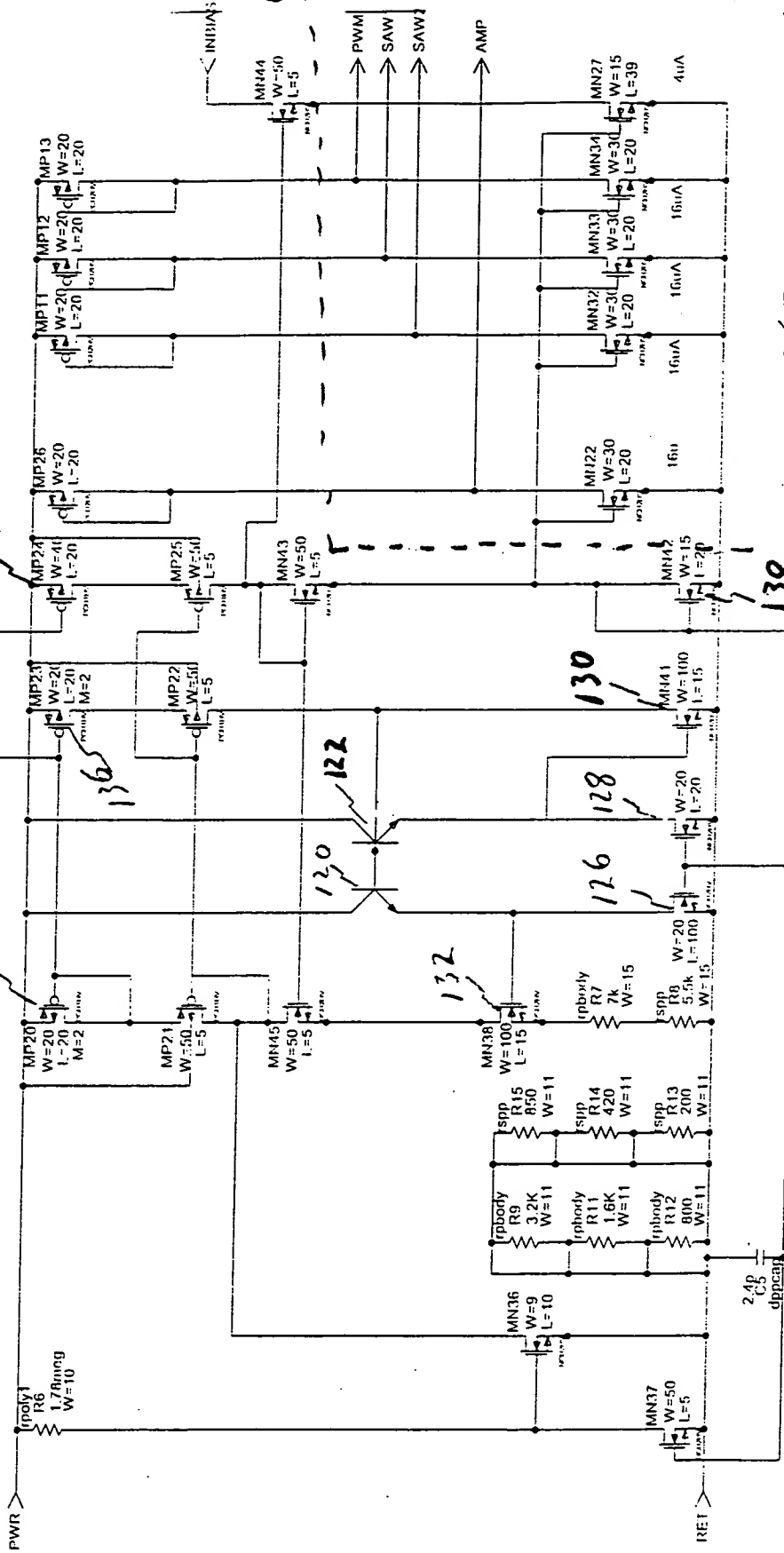


F167.13

134

140

35



Iq = 120uA

R7 & R8 can be trimmed (metal mask) to +/- 30%, 4% step (3 bit)